

W-M1B502

16 Channels Digital Input / 8 Channels Relay Output Module



Main Features

- Support Dry / Wet Contact
- Input Resistance 10KΩ
- Relay Output Channel 4 Form A, 4 Form C
- Communication Protocol: Modbus RTU



Introduction

W-M1B502, 16-channel digital input and 8-channel relay output module, its over-voltage protection design achieved the rugged features. Following the characters of Wolf series, it retains friendly configuration which brought the convenience to mass deployment.

Specification

Model Name	W-M1B502
<u>Digital Input</u>	
Channel	16 Channels
Over-Voltage Protection	70 VDC
Frequency Range	100 Hz (16 bit)
Dry Contact	Logic Level 0: Open; Logic Level 1: Close to GND
Wet Contact	Logic Level 0: 3V (Max.); Logic Level 1: 10 to 50V
<u>Relay Output</u>	
Channel	8 Channels
Output Type	4 Form A, 4 Form C
Output Voltage Range	3.5 – 30 VDC
Contact Rating	30 VDC
Normal Output Current	500mA per Channel
Operating / Release Time	10 ms Max. / 5 ms Max.
Electrical Endurance	100000 ops. @ 5A resistive load
<u>General</u>	
Interface	RS-485
Communication Protocol	Modbus RTU
Communication Speed	From 1200 to 115.2k bps
Communication Distance	1.2 km at 9.6 kbps
Power Consumption	2.8W @ 24 VDC
Power Requirement	10 - 60 VDC
Watchdog Timer	System (1.6 Second Fixed)
LED Indicators	PWR, Comm, Program, Status
Intra-Module Isolation, Field-to-Logic	2500 VDC
<u>Environment</u>	
Temperature	
-25 to +70 °C (Operating)	
-30 to +75 °C (Storage)	
Operating Relative Humidity:	
10% to 90% (non-condensing)	
<u>Dimension</u>	
Weight: 65g (Average)	
Dimension: 472mm x 121mm x 120mm	
<u>Ordering Information</u>	
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